

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F02M31/20 F28D7/02 F28F13/06 F28F1/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F28F F28D F02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 938 036 A (FOLEY JOHN J ET AL) 3 July 1990 (1990-07-03)	1-5,8, 11,14
Y	column 2, line 31 - column 4, line 63; figures	6,7,9, 10,12,15
X	US 5 251 603 A (KIMURA HIDEKI ET AL) 12 October 1993 (1993-10-12)	1,2,4,5, 8,11,13, 14
	column 2, line 45 - column 3, line 25; figure 2 column 3, line 65 - column 4, line 28; figures 5,6 column 4, line 42 - line 62; figures 7,8 ----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *&* document member of the same patent family

Date of the actual completion of the international search

29 November 2004

Date of mailing of the international search report

03/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	DE 37 02 963 A (SUEDEDEUTSCHE KUEHLER BEHR) 11 August 1988 (1988-08-11) column 3, line 45 - column 4, line 29; figures	6,12,15 1,2,4,5, 8,10,12, 14
Y A	FR 69 567 E (SOCIÉTÉ ANONYME DES USINES CHAUSSON) 10 November 1958 (1958-11-10) the whole document	7 1,2,4,5, 8,14,15
Y A	WO 98/51923 A (BENNETT TECHNOLOGIES L L C) 19 November 1998 (1998-11-19) the whole document	9,10 1-3,14
A	DE 34 43 085 A (KUEHNER GMBH & CIE) 13 June 1985 (1985-06-13) the whole document	1,2,4-6, 8,10,11, 13,14

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